

Name: \_\_\_\_\_

**pb1103: Factoring when  $a = \text{prime}$  (v3)**

1. Factor the expression  $3x^2 + 17x - 56$

2. Factor the expression  $11x^2 + 96x + 64$

3. Factor the expression  $3x^2 + 35x + 72$

4. Factor the expression  $5x^2 + 23x + 24$

5. Factor the expression  $2x^2 + 17x + 21$

6. Factor the expression  $11x^2 + 108x + 81$

7. Factor the expression  $7x^2 - 17x - 12$

8. Factor the expression  $3x^2 - 14x - 5$

9. Factor the expression  $7x^2 + 11x - 6$

10. Factor the expression  $7x^2 + 54x + 35$